

Fig.1: Size Exclusion Chromatography of IgG Fragments

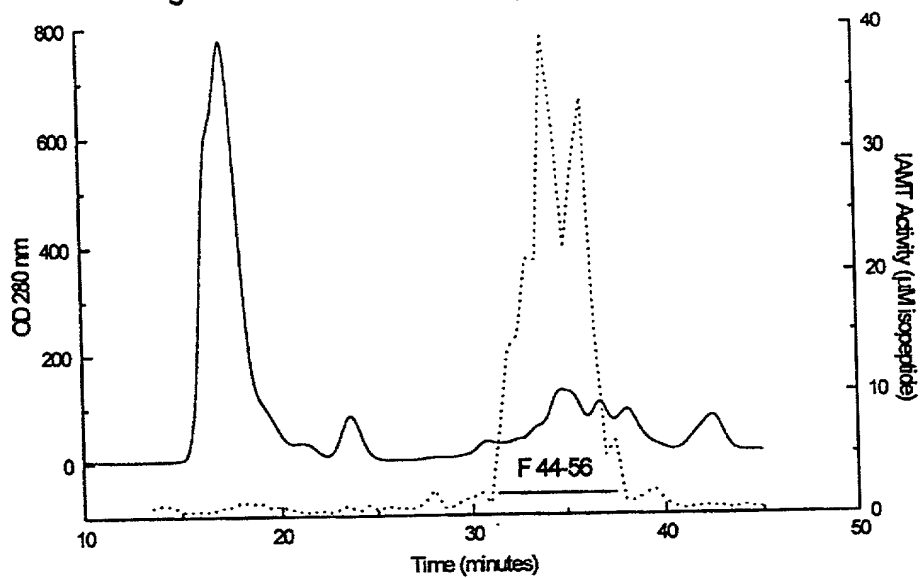


Figure 1A

### Isomerization pattern of selected pools of IgG cleavage products

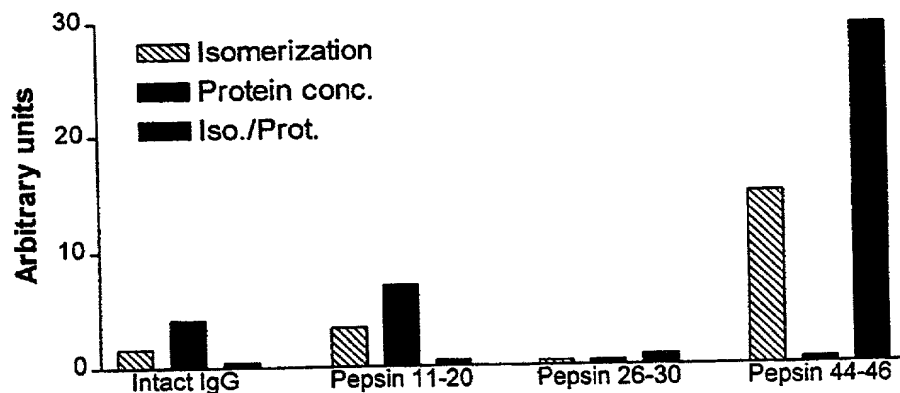


Figure 1B

Fig. 2: Anion Exchange Chromatography of IgG Fragments

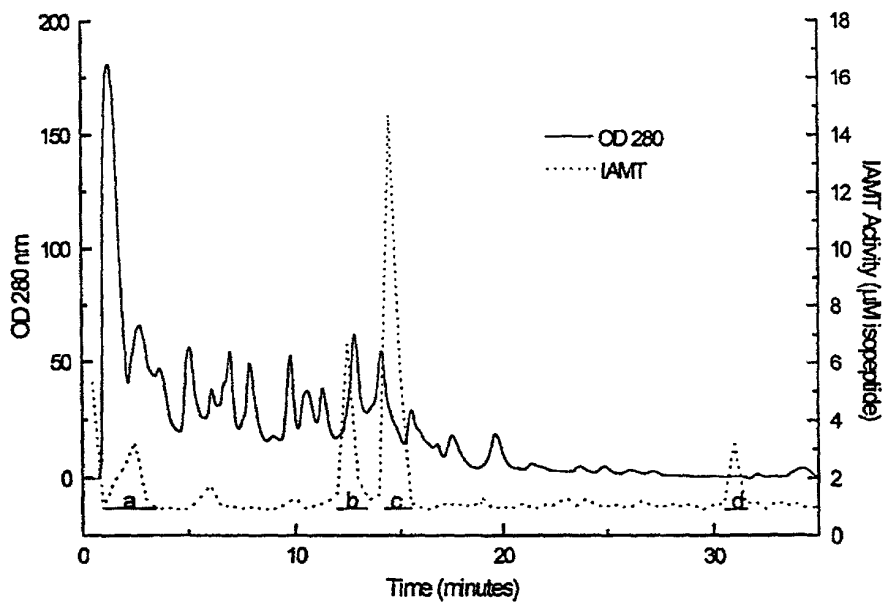


Figure 2

Fig.3: First Reverse Phase HPLC run of pool b

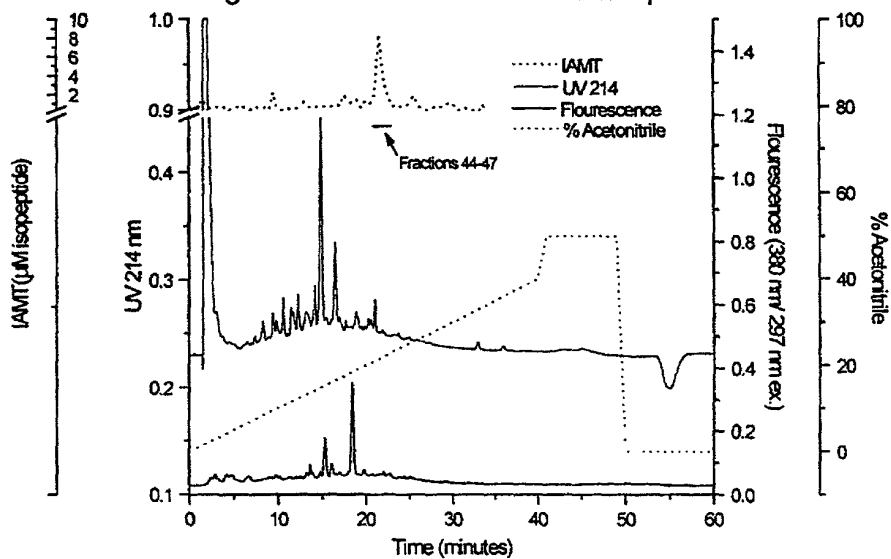


Figure 3

Fig.4 : 2nd Reverse Phase HPLC Run of Pool b

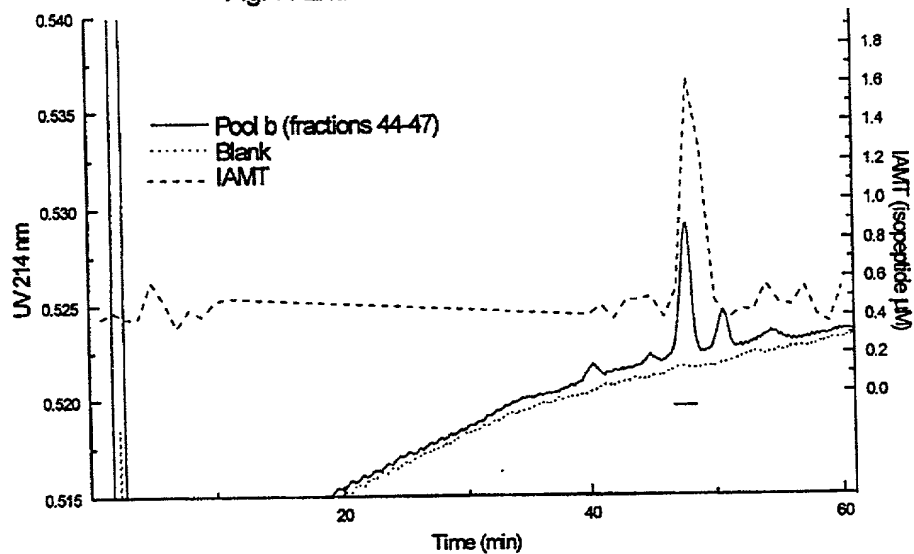


Figure 4

**Response in direct binding  
assay for autoantibodies  
directed against the IgG  
derived epitope WLD- $\beta$ -GKEY**

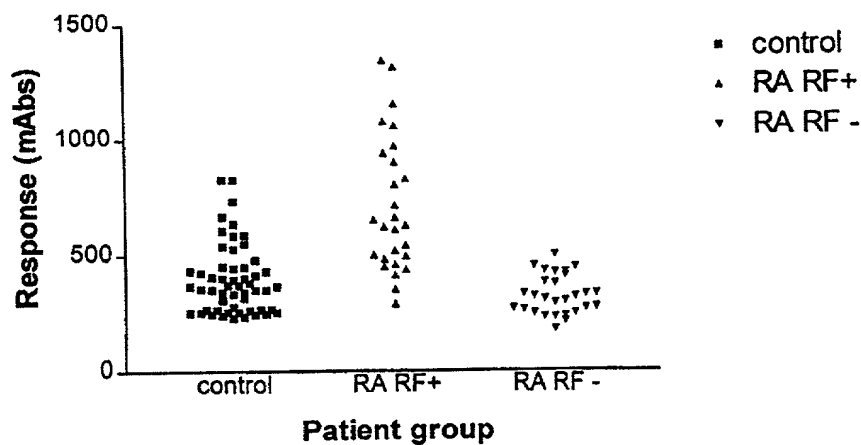


Figure 5

**Competition of antibody binding in  
direct binding ELISA on  
Thy-GA-WLD- $\beta$ -GKEY coated plates**

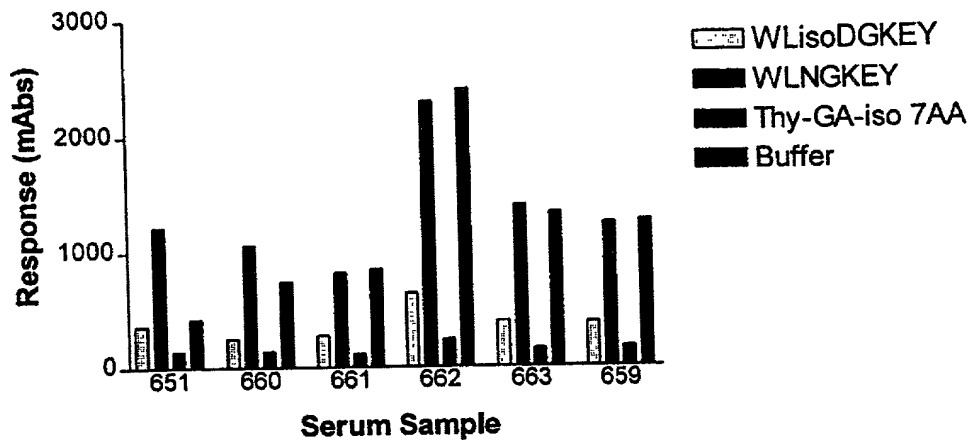


Figure 6

**Response in homogeneous  
immuno-assay for autoantibodies  
directed against the IgG derived  
epitope WLD- $\beta$ -GKEY**

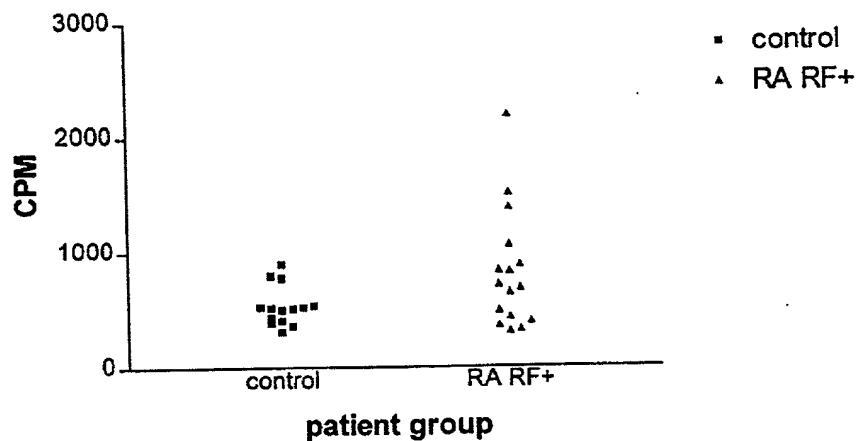


Figure 7

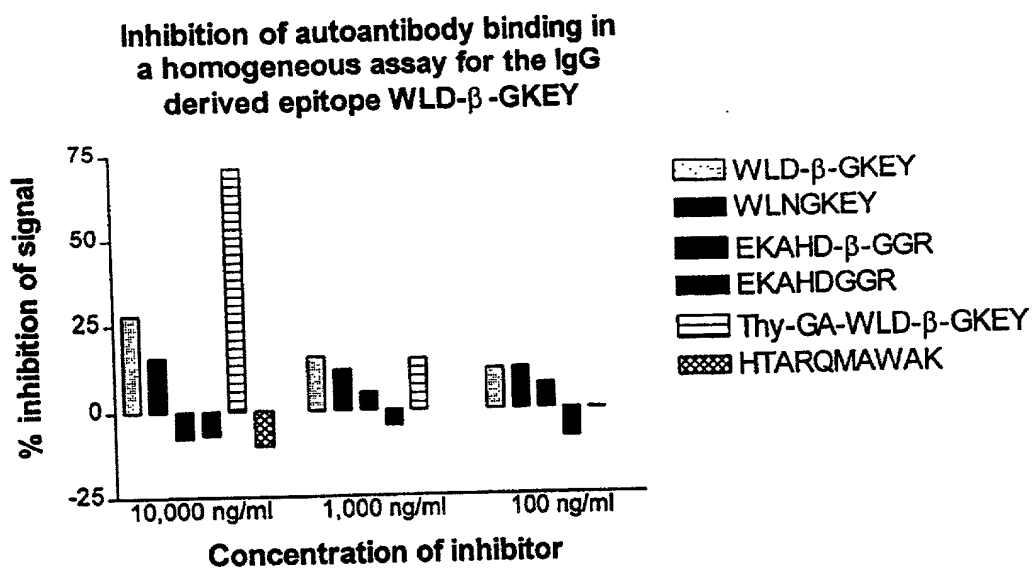
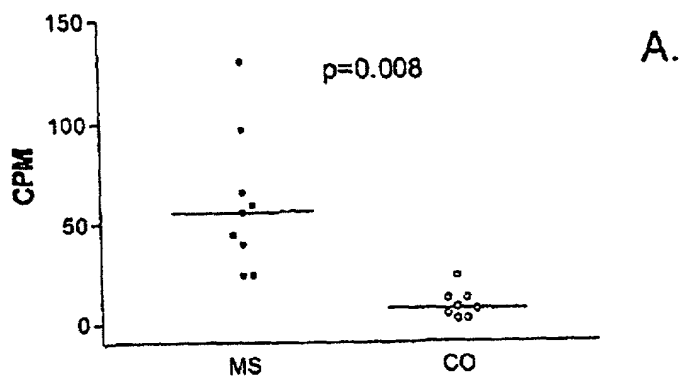
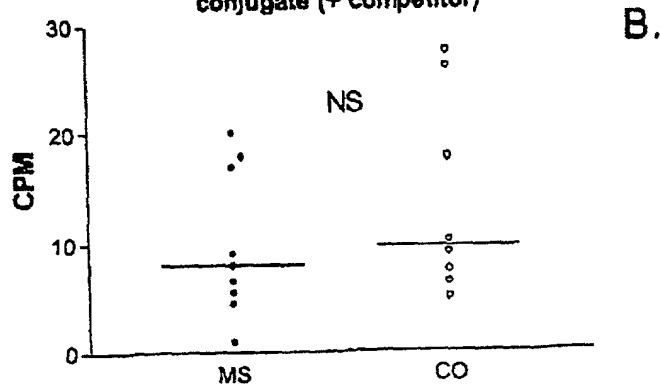


Figure 8

Immunoglobulin binding to  
 $^{125}$ I-BSA-BS<sup>3</sup>-Pro-Ser-Glu- $\gamma$ -Gly-Lys-Gly-Arg-Gly  
 conjugate (-competitor)



Immunoglobulin binding to  
 $^{125}$ I-BSA-BS<sup>3</sup>-Pro-Ser-Glu- $\gamma$ -Gly-Lys-Gly-Arg-Gly  
 conjugate (+ competitor)



% Inhibition of Immunoglobulin  
 binding by addition of "cold" peptide

